

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-8 (Cancelled).

9. (Previously Presented) A method for the treatment of prostate cancer comprising:  
administering to a patient suffering from prostate cancer a sustained release formulation of a gonadotropin hormone releasing hormone composition capable of releasing the gonadotropin hormone releasing hormone composition for a period of at least about one month at a rate sufficient to induce and maintain chemical castration of the patient, and  
simultaneously administering to the patient a sustained release formulation of an estrogenic composition capable of maintaining for said period a serum level sufficient to reduce the enhanced loss of bone mineral density or the hot flashes that are normally caused by the administration of a gonadotropin hormone releasing hormone composition that chemically castrates a male patient.

10. (Previously Presented) A method for the treatment of prostate cancer comprising:  
administering to a patient suffering from prostate cancer a sustained release formulation of a gonadotropin hormone releasing hormone composition capable of releasing the gonadotropin hormone releasing hormone composition for a period of at least about one month at an average rate between about 10 and 1,000  $\mu\text{g}$  per day, and  
simultaneously administering to the patient a sustained release formulation of an estrogenic composition under a profile comprising at least a first initial phase and a second phase, the release of the estrogenic composition in the course of said second phase being at a rate between about 10 and 100 mg of estradiol equivalent per day, the release of the estrogenic

composition in the course of said first initial phase never exceeding 5 times the upper daily release of the estrogenic composition occurring during said second phase.

11. (Previously Presented) A method for the treatment of prostate cancer comprising:  
administering to a patient suffering from prostate cancer a sustained release formulation of a gonadotropin hormone releasing hormone composition capable of releasing the gonadotropin hormone releasing hormone composition for a period of at least about one month at an average rate between about 10 and 1,000  $\mu\text{g}$  per day, and  
simultaneously administering to the patient a sustained release formulation of an estrogenic composition under a profile comprising at least a first initial phase and a second phase, the release of the estrogenic composition in the course of said second phase being at a rate between about 10 and 100 mg of estradiol equivalent per day, the release of the estrogenic composition in the course of said first initial phase never exceeding 5 times the upper daily release of the estrogenic composition occurring during said second phase.

12. (Previously Presented) A method as in claim 9, wherein the gonadotropin hormone releasing hormone composition is selected from the group consisting of gonadotropin hormone releasing hormone, agonists of gonadotropin hormone releasing hormone, antagonists of gonadotropin hormone releasing hormone and mixtures thereof.

13. (Previously Presented) A method as in claim 9, wherein the gonadotropin hormone releasing hormone composition is a gonadotropin hormone releasing hormone agonist selected from the group consisting leuprorelin, goserelin, triptorelin, buserelin, nafarelin, deslorelin, histerelin, gonadorelin, and salts and mixtures thereof.

14. (Previously Presented) A method as in claim 9, wherein the estrogenic composition is selected from the group consisting of chlorotrianisene, dienestrol, diethylstilbestrol,

diethylstilbestrol dipropionate, diethylstilbestrol monobenzyl ether, equilelinin, equilelinin sulfate, estetrol, estradiol, (3a,17b)-estr-4-ene-3,17-diol, estriol, estriol hemisuccinate, estrone, estrone sulfate monosodique, estrone potassium sulfate, ethinylestradiol, fosfestrol tetrasodique, hexestrol, hydroxyestrone diacetate, mestranol, pinestrol, piperazine estrone sulfate, promestriene, quinestrol, tamoxifen, toremifene, raloxifene, lasofoxifene and mixtures thereof.

15. (Previously Presented) A method as in claim 9, wherein the gonadotropin releasing hormone composition is triptorelin or a salt thereof and the estrogenic composition is estradiol.

16. (Original) A method according to claim 15, wherein triptorelin, or a triptorelin salt, is released at a rate of about 100 µg per day and estradiol is released at a rate between about 25 and 50 µg per day.

17. (Previously Presented) A method as in claim 9, wherein the composition is administered by a subcutaneous, intramuscular, or transdermal route.

18-25 (Cancelled).